

INFORMATION DISCLOSURE STATEMENT

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| | Examiners Initials | Authors | Title | Publication | Date |
|----|--------------------|---------------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------|
| 1 | /W.G./ | Gordon E. Moore | Cramming more components onto integrated circuits | Electronics, Volume 38, Number 8, pp. 114-117, 1965 | 19-Apr-65 |
| 2 | | Jack B. Dennis and Earl C. Van Horn | Programming Semantics for Multiprogrammed Computations | Communications of the ACM, Vol. 9, No. 3, pp 143-155, 1966 | Mar-66 |
| 3 | | Marvin Zelkowitz | Interrupt Driven Programming | Communications of the ACM, Vol. 14, No. 6, p.417-418, 1971 | Jun-71 |
| 4 | | J. Carver Hill | Synchronizing Processors with Memory-Content-Generated Interrupts | Communications of the ACM, Vol. 16, No. 6, p.350-351, 1973 | Jun-73 |
| 5 | | F.F. Kuo | The Aloha System | ACM Computer Communication Review, Vol. 4 No. 1, 1974 | Jan-74 |
| 6 | | Vinton Cerf, Robert Kahn | A Protocol for Packet Network Intercommunication | IEEE Transactions on Communications, Vol. COM-22, No. 5, pp. 637-648, 1974 | May-74 |
| 7 | | V. Cerf, et al. | Proposal for an International End-to-End Protocol | ACM Computer Communication Review, Vol. 6 No. 1, p.1-18, 1976 | Jan-76 |
| 8 | | Robert M. Metcalfe and David R. Boggs | Ethernet: distributed packet switching for local computer networks | Communications of the ACM, Vol. 19, Issue 7, pp. 395-404, 1976 | Jul-76 |
| 9 | | P. Kermani and L. Kleinrock | Virtual cut-through: A new computer communication switching technique | Computer Networks, Vol. 3, No. 4, pp. 267-286, 1979 | Sep-79 |
| 10 | | John M. McQuillan, et al. | An Overview of the New Routing Algorithm for the ARPANET | Proceedings of the 6th Data Communications Symposium, p. 63, 1979 | Nov-79 |
| 11 | | Andrew D. Birrell, et al. | Grapevine: An Exercise in Distributed Computing | Communications of the ACM, Vol. 25, Issue 4, pp. 260-274, 1982 | Apr-82 |
| 12 | | Ian M. Leslie, et al. | The Architecture of the Universe Network | ACM Computer Communication Review, Vol. 14, No. 2, pp. 2-9, 1984 | Jun-84 |
| 13 | | John Nagle | Congestion Control in IP/TCP Internetworks | ACM Computer Communication Review, Vol. 14, No. 4, p.11-17, 1984 | Oct-84 |
| 14 | | Robert M. Brandomiff, et al. | Development of a TCP/IP for the IBM/370 | ACM Computer Communication Review, Vol. 15, No. 4, 1985 | Sep-85 |
| 15 | | C. Kline | Supercomputers on the Internet: A Case Study | ACM Computer Communication Review, Vol. 17, No. 5, 1987 | Aug-87 |
| 16 | | Christopher A. Kent, Jeffrey C. Mogul | Fragmentation Considered Harmful | ACM Computer Communication Review, Vol. 17, No. 5, pp. 390-401, 1987 | Oct-87 |
| 17 | | Gary S. Delp, et al. | An Analysis of Memnet: An Experiment in High-Speed Shared-Memory Local Networking | ACM Computer Communication Review, Vol. 18, No. 4, p.165-174, 1988 | Aug-88 |
| 18 | | David R. Boggs, et al. | Measured Capacity of an Ethernet: Myths and Reality | ACM Computer Communication Review, Vol. 18, No. 4, p.222-234, 1988 | Aug-88 |
| 19 | | H. Kanakia and D. Cheriton | The VMP Network Adapter Board (NAB): High-Performance Network Communication for Multiprocessors | ACM Computer Communication Review, Vol. 18, No. 4, p.175-187, 1988 | Aug-88 |
| 20 | | V. Jacobson | Congestion Avoidance and Control | ACM Computer Communication Review, Vol. 18, No. 4, p.314-329, 1988 | Aug-88 |
| 21 | | David D. Clark | The Design Philosophy of the DARPA Internet Protocols | ACM Computer Communication Review, Vol. 18, No. 4, pp. 106-114, 1988 | Aug-88 |
| 22 | | Paul V. Mockapetris, Kevin J. Dunlap | Development of the Domain Name System | ACM Computer Communication Review, Vol. 18, No. 4, pp. 123-133, 1988 | Aug-88 |
| 23 | | Margaret L. Simmons and Harvey J. Wasserman | Performance Comparison of the Cray-2 and Cray X-MP/416 Supercomputers | Proceedings of the 1988 ACM/IEEE conference on Supercomputing, p.288-295, Orlando, Florida | 12-Nov-88 |
| 24 | | David A. Borman | Implementing TCP/IP on a Cray computer | ACM Computer Communication Review, Vol. 19, No. 2, p.11-15, 1989 | Apr-89 |
| 25 | | R. Braden, et al. | Computing the Internet Checksum | ACM Computer Communication Review, Vol. 19, No. 2, p.86-94, 1989 | Apr-89 |
| 26 | | David D. Clark, et al. | An Analysis of TCP Processing Overhead | IEEE Communications Magazine, vol. 27, no. 6, pp. 23-29, 1989 | Jun-89 |
| 27 | | David R. Cheriton | Sirpent: A High-Performance Internetworking Approach | ACM Computer Communication Review, Vol. 19, No. 4, p.158-169, 1989 | Sep-89 |
| 28 | | Derek Robert McAuley | Protocol Design for High Speed Networks | PhD Thesis, University of Cambridge, 1989 | Sep-89 |
| 29 | /W.G./ | Craig Partridge | How Slow Is One Gigabit Per Second ? | ACM Computer Communication Review, Vol. 20, No. 1, p.44-53, 1990 | Jan-90 |

| | | | | | |
|----|--------|--------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------|
| | /W.G./ | D. D. Clark and D. L. Tennenhouse | Architectural Considerations for a New Generation of Protocols | ACM Computer Communication Review, Vol. 20, No. 4, pp. 200 - 208, 1990 | Sep-90 |
| 30 | | Eric C. Cooper, et al. | Protocol Implementation on the Nectar Communication Processor | ACM Computer Communication Review, Vol. 20, No. 4, p.135-144, 1990 | Sep-90 |
| 31 | | Bruce S. Davie | A Host-Network Interface Architecture for ATM | ACM Computer Communication Review, Vol. 21, No. 4, 1991 | Sep-91 |
| 32 | | C. Brendan S. Traw, et al. | A High-Performance Host Interface for ATM Networks | ACM Computer Communication Review, Vol. 21, No. 4, p.317-325, 1991 | Sep-91 |
| 33 | | Ian Leslie and Derek R. McAuley | Fairisle: An ATM Network for the Local Area | ACM Computer Communication Review, Vol. 21, No. 4, p. 327, 1991 | Sep-91 |
| 34 | | Mark Hayter, Derek McAuley | The Desk Area Network | ACM Operating Systems Review, Vol. 25, Issue 4, p. 14 - 21, 1991 | Oct-91 |
| 35 | | Gregory G. Finn | An Integration of Network Communication with Workstation Architecture | ACM Computer Communication Review, Vol. 21, No. 5, p.18-29, 1991 | Oct-91 |
| 36 | | Greg Chesson | The Evolution of XTP | Proceedings of the Third International Conference on High Speed Networking, 1991 | Nov-91 |
| 37 | | Michael J. Dixon | System support for multi-service traffic | University of Cambridge Computer Laboratory Technical Report No. 245 | Jan-92 |
| 38 | | Danny Cohen, Gregory Finn, Robert Felderman, Annette DeSchon | ATOMIC: A Local Communication Network Created Through Repeated Application of Multicomputing Components | Made available by authors | 10-Jan-92 |
| 39 | | Gene Tsudik | Message Authentication with One-Way Hash Functions | ACM Computer Communication Review, Vol. 22, No. 5, pp. 29-38, 1992 | Oct-92 |
| 40 | | Peter Steenkiste | Analyzing Communication Latency using the Nectar Communication Processor | ACM Computer Communication Review, Vol. 22, No. 4, 1992 | Oct-92 |
| 41 | | Paul E. McKenney and Ken F. Dove | Efficient Demultiplexing of Incoming TCP Packets | ACM Computer Communication Review, Vol. 22, No. 4, 1992 | Oct-92 |
| 42 | | Erich Ruetsche and Matthias Kaiserswerth | TCP/IP on the Parallel Protocol Engine | Proceedings of the IFIP TC6/WG6.4 Fourth International Conference on High Performance Networking IV | 14-Dec-92 |
| 43 | | C. Traw and J. Smith | Hardware/Software organization of a high performance ATM host interface | IEEE Journal on Selected Areas in Communications, pp. 240--253, 1993 | Feb-93 |
| 44 | | E. Ruetsche | The Architecture of Gb/s Multimedia Protocol Adapter | ACM Computer Communication Review, Vol. 23, No. 3, 1993 | Jul-93 |
| 45 | | Jonathan M. Smith and C. Brendan S. Traw | Giving Applications Access to Gb/s Networking | IEEE Network, Vol. 7, Issue 4, pp. 44-52, 1993 | Jul-93 |
| 46 | | Jeffrey R. Michel | The Design and Evaluation of an Off-Host Communications Protocol Architecture | MSci Thesis, University of Virginia, 1993 | Aug-93 |
| 47 | | Mark David Hayter | A Workstation Architecture to Support Multimedia | PhD Thesis, University of Cambridge, 1993 | Sep-93 |
| 48 | | Jonathan Kay and Joseph Pasquale | The Importance of Non-Data Touching Processing Overheads in TCP/IP | ACM Computer Communication Review, Vol. 23, No. 4, pp. 259-268, 1993 | Oct-93 |
| 49 | | W. E. Leland, et al. | On the Self-Similar Nature of Ethernet Traffic | ACM Computer Communication Review, Vol. 23, No. 4, p.85-95, 1993 | Oct-93 |
| 50 | | C. A. Thekkath, et al. | Implementing Network Protocols at User Level | ACM Computer Communication Review, Vol. 23, No. 4, 1993 | Oct-93 |
| 51 | | Raj K. Singh, et al. | A Programmable HIPPI Interface for a Graphics Supercomputer | Proceedings of the 1993 ACM/IEEE conference on Supercomputing, p.452-461, Portland, Oregon | 15-Nov-93 |
| 52 | | Peter Druschel and Larry L. Peterson | Fbufs: A High-Bandwidth Cross-Domain Transfer Facility | ACM Operating Systems Review, Vol. 27, Issue 5, p. 189-202, 1993 | Dec-93 |
| 53 | | Matthias Kaiserswerth | The Parallel Protocol Engine | IEEE/ACM Transactions on Networking, Vol. 1, No. 6, p. 650 - 663, 1993 | Dec-93 |
| 54 | | Chris Maeda, Brian Bershad | Protocol Service Decomposition for High-Performance Networking | ACM Operating Systems Review, Vol. 27, Issue 5, p. 244 - 255, 1993 | Dec-93 |
| 55 | | Greg Regnier, et al. | ETA: Experience with an Intel Xeon Processor as a Packet Processing Engine | IEEE Micro, Vol. 24, No. 1, p. 24-31, 1994 | Jan-94 |
| 56 | | J. Vis | A Simple LAN Performance Measure | ACM Computer Communication Review, Vol. 24, No. 1, pp. 7-11, 1994 | Jan-94 |
| 57 | | Danny Cohen, Gregory Finn, Robert Felderman, Annette DeSchon | ATOMIC: A High-Speed Local Communication Architecture | Journal of High Speed Networks | 3-Jan-94 |
| 58 | | Gregory G. Finn and Paul Mockapetris | Netstation Architecture Multi-Gigabit Workstation Network Fabric | Proceedings of InterOp '94, Las Vegas, Nevada | May-94 |
| 59 | | Stuart Wray, et al. | The Medusa Applications Environment | Proceedings of the International Conference on Multimedia Computing and Systems, p. 265-273, Boston, 1994 | May-94 |
| 60 | | Various forum members | MPI: A Message-Passing Interface Standard | Message-Passing Interface Forum, University of Tennessee, Knoxville, 1994 | 5-May-94 |
| 61 | V | Raj K. Singh, et al. | A Programmable Network Interface for a Message-Based Multicomputer | ACM Computer Communication Review, Vol. 24, No. 3, p.8-17, 1994 | Jul-94 |
| 62 | /W.G./ | | | | |

| | | | | | |
|----|--------|--------------------------------------------|-----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-----------|
| 63 | /W.G./ | P. Druschel, et al. | Experiences with a High-Speed Network Adaptor: A Software Perspective | ACM Computer Communication Review, Vol. 24, No. 4, 1994 | Oct-94 |
| 64 | | Sally Floyd | TCP and Explicit Congestion Notification | ACM Computer Communication Review, Vol. 24, No. 5, p. 8 - 23, 1994 | Oct-94 |
| 65 | | A. Edwards, et al. | User-Space Protocols Deliver High Performance to Applications on a Low-Cost Gb/s LAN | ACM Computer Communication Review, Vol. 24, No. 4, pp. 14 - 23, 1994 | Oct-94 |
| 66 | | L. S. Brakmo, et al. | TCP Vegas: New Techniques for Congestion Detection and Avoidance | ACM Computer Communication Review, Vol. 24, No. 4, p.24-35, 1994 | Oct-94 |
| 67 | | A. Romanow and S. Floyd | The Dynamics of TCP Traffic over ATM Networks | ACM Computer Communication Review, Vol. 24, No. 4, p. 79 - 88, 1994 | Oct-94 |
| 68 | | R. J. Black, I. Leslie, and D. McAuley | Experiences of Building an ATM Switch for the Local Area | ACM Computer Communication Review, Vol. 24, No. 4, p.158-167, 1994 | Oct-94 |
| 69 | | Babak Falsafi, et al. | Application-Specific Protocols for User-Level Shared Memory | Proceedings of the 1994 conference on Supercomputing, pp. 380 - 389, Washington D.C. | 14-Nov-94 |
| 70 | | Mengjou Lin, et al. | Performance of High-Speed Network I/O Subsystems: Case Study of A Fibre Channel Network | Proceedings of the 1994 conference on Supercomputing, Washington D.C. | 14-Nov-94 |
| 71 | | Nanette J. Boden, et al. | Myrinet: A Gigabit-per-Second Local-Area Network | Draft of paper published in IEEE Micro, Vol. 15, No. 1, pp. 29-36, 1995 | 16-Nov-94 |
| 72 | | Thomas Sterling, et al. | Beowulf: A Parallel Workstation for Scientific Computation | Proceedings of the 24th International Conference on Parallel Processing, pp. 11-14 | Aug-95 |
| 73 | | K. Kleinpaste, P. Steenkiste, B. Zill | Software Support for Outboard Buffering and Checksumming | ACM Computer Communication Review, Vol. 25, No. 4, p.87-98, 1995 | Oct-95 |
| 74 | | C. Partridge, J. Hughes, J. Stone | Performance of Checksums and CRCs over Real Data | ACM Computer Communication Review, Vol. 25, No. 4, p. 68 - 76, 1995 | Oct-95 |
| 75 | | A. Edwards, S. Muir | Experiences Implementing A High-Performance TCP In User-Space | ACM Computer Communication Review, Vol. 25, No. 4, 1995 | Oct-95 |
| 76 | | J. C. Mogul | The Case for Persistent-Connection HTTP | ACM Computer Communication Review, Vol. 25, No. 4, 1995 | Oct-95 |
| 77 | | Thorsten von Eicken, et al. | U-Net: A User-Level Network Interface for Parallel and Distributed Computing | ACM Operating Systems Review, Vol. 29, Issue 5, p.109-126, 1995 | Dec-95 |
| 78 | | D. L. Tennenhouse, D. J. Wetherall | Towards an Active Network Architecture | ACM Computer Communication Review, Vol. 26, No. 2, pp. 15-20, 1996 | Apr-96 |
| 79 | | Paul Ronald Barham | Devices in a Multi-Service Operating System | PhD Thesis, University of Cambridge, 1996 | Jul-96 |
| 80 | | Chi-Chao Chang, et al. | Low-Latency Communication on the IBM RISC System/6000 SP | Proceedings of the 1996 ACM/IEEE conference on Supercomputing, Pittsburgh | 17-Nov-96 |
| 81 | | Joe Touch, et al. | Experiences with a Production Gigabit LAN | Gigabit Networking Workshop '97 Meeting, Kobe, Japan | Apr-97 |
| 82 | | Joe Touch, et al. | Host-based Routing Using Peer DMA | Gigabit Networking Workshop '97 Meeting, Kobe, Japan | Apr-97 |
| 83 | | O. Angin, et al. | Report on the 5th IFIP International Workshop on Quality of Service (IWQOS 97) | ACM Computer Communication Review, Vol. 27, No. 3, pp. 100-117, 1997 | Jul-97 |
| 84 | | Charles P. Thacker and Lawrence C. Stewart | Firefly: a Multiprocessor Workstation | ACM Operating Systems Review, Vol. 21, Issue 4, p. 164 - 172, 1987 | Oct-97 |
| 85 | | Ed Anderson, et al. | Performance of the CRAY T3E Multiprocessor | Proceedings of the 1997 ACM/IEEE conference on Supercomputing, p. 1 - 17, San Jose, California | 16-Nov-97 |
| 86 | | Harvey J. Wassermann, et al. | Performance Evaluation of the SGI Origin2000: A Memory-Centric Characterization of LANL ASCI Applications | Proceedings of the 1997 ACM/IEEE conference on Supercomputing, p. 1-11, San Jose, California | 16-Nov-97 |
| 87 | | Philip Buonadonna, et al. | An Implementation and Analysis of the Virtual Interface Architecture | Proceedings of the 1998 ACM/IEEE conference on Supercomputing, p.1-15, Orlando, Florida | 7-Nov-98 |
| 88 | | Parry Husbands and James C. Hoe | MPI-StarT: Delivering Network Performance to Numerical Applications | Proceedings of the 1998 ACM/IEEE conference on Supercomputing, p.1-15, Orlando, Florida | 7-Nov-98 |
| 89 | | Michael S. Warren, et al. | Avalon: An Alpha/Linux Cluster Achieves 10 Gflops for \$150k | Proceedings of the 1998 ACM/IEEE conference on Supercomputing, Orlando, Florida | 7-Nov-98 |
| 90 | | John Salmon, et al. | Scaling of Beowulf-class Distributed Systems | Proceedings of the 1998 ACM/IEEE conference on Supercomputing, Orlando, Florida | 7-Nov-98 |
| 91 | | Boon S. Ang, et al. | StarT-Voyager: A Flexible Platform for Exploring Scalable SMP Issues | Proceedings of the 1998 ACM/IEEE conference on Supercomputing, Orlando, Florida | 7-Nov-98 |
| 92 | | S. L. Pope, et al. | Enhancing Distributed Systems with Low-Latency Networking | Parallel and Distributed Computing and Networks, Brisbane, Australia, 1998 | Dec-98 |
| 93 | ↓ | M. de Vivo, et al. | Internet Vulnerabilities Related to TCP/IP and T/TCP | ACM Computer Communication Review, Vol. 29, No. 1, pp. 81-85, 1999 | Jan-99 |
| 94 | | M. Allman | TCP Byte Counting Refinements | ACM Computer Communication Review, Vol. 29, No. 3, 1999 | Jul-99 |
| 95 | /W.G./ | Steve Muir and Jonathan Smith | Piglet: A Low-Intrusion Vertical Operating System | Technical Report MS-CIS-00-04, University of Pennsylvania, 2000 | Jan-00 |

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|-----|--------|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------|
| 96 | /W.G./ | Patrick Crowley, et al. | Characterizing Processor Architectures for Programmable Network Interfaces | Proceedings of the 14th International Conference on Supercomputing, pp. 54-65, Santa Fe, New Mexico | 8-May-00 |
| 97 | | Jonathan Stone, Craig Partridge | When The CRC and TCP Checksum Disagree | ACM Computer Communication Review, Vol. 30, No. 4, pp. 309-319, 2000 | Oct-00 |
| 98 | | W. Feng and P. Tinnakornsrisuphap | The Failure of TCP in High-Performance Computational Grids | Proceedings of the 2000 ACM/IEEE Conference on Supercomputing, Dallas, Texas | 4-Nov-00 |
| 99 | | Jenwei Hsieh, et al. | Architectural and Performance Evaluation of GigaNet and Myrinet Interconnects on Clusters of Small-Scale SMP Servers | Proceedings of the 2000 ACM/IEEE Conference on Supercomputing, Dallas, Texas | 4-Nov-00 |
| 100 | | Ian Pratt and Keir Fraser | Arsenic: A User-Accessible Gigabit Ethernet Interface | Proceedings of IEEE Infocom 2001, pp. 67-76 | 22-Apr-01 |
| 101 | | Bilic Hrvoye, et al. | Deferred Segmentation For Wire-Speed Transmission of Large TCP Frames over Standard GbE Networks | Proceedings of the 9th Symposium on High Performance Interconnects, pp. 81 | 22-Aug-01 |
| 102 | | Bilic Hrvoye, et al. | Presentation given at HOTI'01 | 9th Symposium on High Performance Interconnects | 22-Aug-01 |
| 103 | | Bruce Lowekamp, et al. | Topology Discovery for Large Ethernet Networks | ACM Computer Communication Review, Vol. 31, No. 4, 2001 | Oct-01 |
| 104 | | Piyush Shivam, et al. | EMP: Zero-copy OS-bypass NIC-driven Gigabit Ethernet Message Passing | Proceedings of the 2001 ACM/IEEE Conference on Supercomputing, pp. 57, Denver | 10-Nov-01 |
| 105 | | Robert Ross, et al. | A Case Study in Application I/O on Linux Clusters | Proceedings of the 2001 ACM/IEEE Conference on Supercomputing, pp. 11, Denver | 10-Nov-01 |
| 106 | | E. Blanton and M. Allman | On Making TCP More Robust to Packet Reordering | ACM Computer Communication Review, Vol. 32, No. 1, 2002 | Jan-02 |
| 107 | | Murali Rangarajan, et al. | TCP Servers: Offloading TCP Processing in Internet Servers. Design, Implementation, and Performance | Technical Report DCR-TR-481, Computer Science Department, Rutgers University, 2002. | Mar-02 |
| 108 | | Jon Crowcroft, Derek McAuley | ATM: A Retrospective on Systems Legacy | ACM Computer Communication Review, Vol. 32, No. 5, 2002 | Nov-02 |
| 109 | | Charles Kalmanek | A Retrospective View of ATM | ACM Computer Communication Review, Vol. 32, No. 5, pp. 13 - 19, 2002 | Nov-02 |
| 110 | | Jonathan Smith | The Influence of ATM on Operating Systems | ACM Computer Communication Review, Vol. 32, No. 5, pp. 29 - 37, 2002 | Nov-02 |
| 111 | | NR Adiga, et al. | An Overview of the BlueGene/L Supercomputer | Proceedings of the 2002 ACM/IEEE Conference on Supercomputing, pp. 1-22, Baltimore | 16-Nov-02 |
| 112 | | Steven J. Sistare, Christopher J. Jackson | Ultra-High Performance Communication with MPI and the Sun Fire Link Interconnect | Proceedings of the 2002 ACM/IEEE Conference on Supercomputing, p. 1 - 15, Baltimore | 16-Nov-02 |
| 113 | | R. Bush, D. Meyer | Some Internet Architectural Guidelines and Philosophy | IETF Network Working Group, Request for Comments: 3439 | Dec-02 |
| 114 | | Pasi Sarolahti, et al. | F-RTO: An Enhanced Recovery Algorithm for TCP Retransmission Timeouts | ACM Computer Communication Review, Vol. 33, No. 2, 2003 | Apr-03 |
| 115 | | Tom Kelly | Scalable TCP: Improving Performance in Highspeed Wide Area Networks | ACM Computer Communication Review, Vol. 33, No. 2, pp. 83-91, 2003 | Apr-03 |
| 116 | | Jeffrey C. Mogul | TCP offload is a dumb idea whose time has come | Proceedings of HotOS IX: The 9th Workshop on Hot Topics in Operating Systems, pp. 25-30 | 18-May-03 |
| 117 | | Derek McAuley, Rolf Neugebauer | A case for Virtual Channel Processors | Proceedings of the ACM SIGCOMM 2003 Workshops | Aug-03 |
| 118 | | Justin Hurwitz, Wu-chun Feng | Initial End-to-End Performance Evaluation of 10-Gigabit Ethernet | Proceedings of the 11th Symposium on High Performance Interconnects | 20-Aug-03 |
| 119 | | Vinay Aggarwal, et al. | Workshop on network-I/O convergence: experience, lessons, implications (NICELI) | ACM Computer Communication Review, Vol. 33, No. 5, 2003 | Oct-03 |
| 120 | | Wu-chun Feng, et al. | Optimizing 10-Gigabit Ethernet for Networks of Workstations, Clusters, and Grids: A Case Study | Proceedings of the 2003 ACM/IEEE Conference on Supercomputing, Phoenix, Arizona | 15-Nov-03 |
| 121 | | Jiuxing Liu, et al. | Performance Comparison of MPI Implementations over InfiniBand, Myrinet and Quadrics | Proceedings of the 2003 ACM/IEEE Conference on Supercomputing, Phoenix, Arizona | 15-Nov-03 |
| 122 | | Srihari Makineni and Ravi Iyer | Architectural Characterization of TCP/IP Packet Processing on the Pentium M Processor | Proceedings of the 10th International Symposium on High Performance Computer Architecture, pp. 152 | 14-Feb-04 |
| 123 | | Cheng Jin, et al. | FAST TCP: Motivation, Architecture, Algorithms, Performance | Proceedings of IEEE Infocom 2004, pp. 1246 - 1259 | 7-Mar-04 |
| 124 | | Andy Currid | TCP Offload to the Rescue | ACM Queue, Vol. 2, No. 3, 2004 | 1-May-04 |
| 125 | | Greg Regnier, et al. | TCP Offloading for Data Center Servers | Computer, IEEE Computer Society, vol. 37, no. 11, pp. 48-58, 2004 | Nov-04 |
| 126 | | Gregory L. Chesson | Declaration of Dr Gregory L Chesson in Alacritech v. Microsoft | United States District Court, Northern District California, San Francisco Division | 4-Feb-05 |
| 127 | /W.G./ | Edward D. Lazowska, David A. Patterson | Computing Research: A Looming Crisis | ACM Computer Communication Review, Vol. 35, No. 2, 2005 | Jul-05 |



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|-----|--------|------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------|
| 128 | /W.G./ | W. Feng, et al. | Performance Characterization of a 10-Gigabit Ethernet TOE | Proceedings of the 13th Symposium on High Performance Interconnects | 17-Aug-05 |
| 129 | | B. Leslie, et al. | User-level device drivers: Achieved performance | J. Comput. Sci. & Technol., Vol. 20, Sep 2005 | Sep-05 |
| 130 | | P. Balaji, et al. | Head-to-TOE Evaluation of High-Performance Sockets Over Protocol Offload Engines | Proceedings of the IEEE International Conference on Cluster Computing, 2005 | Sep-05 |
| 131 | | Humaira Kamal, et al. | SCTP versus TCP for MPI | Proceedings of the 2005 ACM/IEEE conference on Supercomputing, Seattle, p.30, Washington | 12-Nov-05 |
| 132 | | Sumitha Bhandarkar, et al. | LTCP: Improving the Performance of TCP in Highspeed Networks | ACM Computer Communication Review, Vol. 36, No. 1, pp. 41 – 50, 2006 | Jan-06 |
| 133 | | H. K. Jerry Chu | Zero-Copy TCP in Solaris | Proceedings of the USENIX Annual Technical Conference 1996 | Jan-96 |
| 134 | | Ken Calvert | Reflections on Network Architecture: an Active Networking Perspective | ACM Computer Communication Review, Vol. 36, No. 2, pp.27-30, 2006 | Apr-06 |
| 135 | | Jon Crowcroft | 10 Networking Papers: Recommended Reading | ACM Computer Communication Review, Vol. 36, No. 2, pp. 51-52, 2006 | Apr-06 |
| 136 | | Greg Minshall, et al. | Flow labelled IP over ATM: design and rationale | ACM Computer Communication Review, Vol. 36, No. 3, pp. 79-92, 2006 | Jul-06 |
| 137 | ↓ | David Wetherall | 10 Networking Papers: Readings for Protocol Design | ACM Computer Communication Review, Vol. 36, No. 3, pp. 77-78, 2006 | Jul-06 |
| 138 | /W.G./ | Patrick Geoffray | A Critique of RDMA | HPCWire article: http://www.hpcwire.com/features/17886984.html | 18-Aug-06 |
| 139 | ===== | Various | Various presentations given at HOTI'06 | 14th Symposium on High Performance Interconnects | 23-Aug-06 |
| 140 | /W.G./ | Jose Carlos Sancho, et al. | Quantifying the Potential Benefit of Overlapping Communication and Computation in Large-Scale Scientific Applications | Proceedings of the 2006 ACM/IEEE conference on Supercomputing, Tampa, Florida | 11-Nov-06 |
| 141 | | Sayantan Sur, et al. | High-Performance and Scalable MPI over InfiniBand with Reduced Memory Usage: An In-Depth Performance Analysis | Proceedings of the 2006 ACM/IEEE conference on Supercomputing, Tampa, Florida | 11-Nov-06 |
| 142 | | Steven Pope, David Riddoch | 10Gb/s Ethernet Performance and Retrospective | ACM Computer Communication Review, Vol. 37, No. 2, pp. 89 - 92, 2007 | 19-Mar-07 |
| 143 | | Kieran Mansley, et al. | Getting 10 Gb/s from Xen | Euro-Par Conference 2007, pp. 224-233, Rennes, France | 28-Aug-07 |
| 144 | | M. Kaiserswerth | The Parallel Protocol Engine | IEEE/ACM Transactions in Networking Vol. 1, Issue 6, pp. 650-663, 1993 | Dec-93 |
| 145 | ↓ | Danny Cohen, et al. | Use of message-based multicomputer components to construct gigabit networks | ACM Computer Communication Review, Vol. 23, No. 4, p. 32-44, 1993 | Jul-93 |
| 146 | ↓ | J. Evans and T. Buller | The End of History | IEEE TCGN Gigabit Networking Workshop, 2001 | 22-Apr-01 |
| 147 | /W.G./ | M.V. Wilkes and R.M. Needham | The Cambridge Model Distributed System | ACM SIGOPS Operating Systems Review, Vol. 14, Issue 1, pp. 21-29, | Jan-80 |

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